

## GEOLOGICAL.

No. 219-M.—F. No. 70, dated 14th December 1900.

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ent of Mysore are pleased to direct that the following rule be added as Rules under the Mysore Mines Regulation III of 1897, published with Notification No. 178-M., dated 9th December 1897, and amended by Notification No. 178-M., dated 1898:—

Two working places below ground approach one another so closely that any further blasting will reduce the intervening rock to a thickness of six feet or less, further blasting must be conducted from one working place only and not both, and during blasting hours in the one place all workmen must be withdrawn from the other place."

No. 234—M. 1900-1901, dated 5th January 1901.

The following draft of additions and amendments proposed to be made in the Rules under the Mysore Explosives Regulation II of 1888, published with Notification No. 311-M.—1897, dated 29th June 1898, is hereby published for general information under Section 15 of the said Regulation and will be taken into consideration after the 15th of February 1901.

Objections and suggestions in respect of the proposed additions and amendments will be duly considered if submitted to the Government in the Geological Department on or before the 15th of February 1901.

For Rule 33 VII (e) substitute the following:—

"Explosives may be carried by mixed trains on any line on which goods trains are not running, subject to the conditions that they are loaded in properly constructed powder vans; that not more than one powder van containing explosives is forwarded at any one time by a mixed train; that there are not less than three vehicles between the powder van and either the engine or the passenger coaches; that the powder van is close-coupled to the adjoining vehicles; and that directly a powder van containing explosives arrives at a section on which goods trains are running, it is detached from the mixed train."

Rule 5, proviso II, will be altered as follows:—

"To the possession of fire works, not exceeding 200 lbs., if obtained and intended for immediate use and not for sale, and if kept for a period not exceeding 14 days, provided that the possession of such fireworks in Municipal areas shall only be authorized on the obtaining of a permit to this effect. Such a permit shall be granted, free of cost, by a Magistrate of the 1st Class or by a Police Officer not below the rank of an Assistant Superintendent of Police, on the applicant certifying that the fireworks shall be kept in a closed receptacle in a building or excavation at a safe distance from any dwelling house, shop or public way."

The following proviso will be added to condition 9 of Form A, Condition 4 of Form C of the forms prescribed in the Schedule appended to the Rules:—

"Provided that this condition shall not be obligatory in a building in which no explosive other than an explosive of the 1st Division of the 6th (ammunition) class is kept."

No. 228 M.—1900-1901, dated 31st December 1900.

With reference to Government Notification (Geol.) No. 93 M.—1900-1901, dated (16th August 1900, the Government are pleased to direct the following amendments to be made in the rules under the Mysore Explosives Regulation II of 1888, published with Notification No. 311 M., dated 29th June 1898, and amended by Notification No. 233 M., dated 15th May 1899.

To Rule 2 (2) add the following:—

"In particular, the possession of blasting gelatine or any of the gelatinous nitro-compounds after the expiration of three years from the date of their importation into British India is prohibited, except with the sanction in writing of an Inspector of Explosives, stating for what further period such explosives may be retained."

Rule 18 (1) will be amended as follows:—

"The applicant shall submit to the District Magistrate an application on Form G and shall comply with the conditions embodied therein."

Rule 18 (2) will be cancelled.

Alter "Rule 18 (3)" "to Rule 18 (2)."

In Rule 18 (2) (as corrected) (e), the last sentence will be amended as follows:—

"The Government shall then refer the aforesaid documents for approval to the Chief Inspector of Explosives, who will, if he considers it to be necessary, inspect the site of the magazine and communicate with the applicant in regard to any special terms which it may be in his opinion desirable to impose. The Chief Inspector of Explosives shall then submit to Government the application and other documents and his recommendations thereon, and if he recommends that a license be granted, a draft license accompanied by a Schedule A, showing the distances which, after considering any representations made by the applicant to him, he

thinks should be kept clear round the magazine. The Government may then license applied for either in accordance with the recommendations of the D. and of the Chief Inspector of Explosives, or with the addition of any additional precautions as may be deemed proper, or may refuse the license.

"The Table of Distances which will ordinarily be followed is appended to Alter Rules "18 (4)" and "18 (5)" to "18 (3)" and "18 (4)," respectively. To Rule 29 III (d) add the following provisos:—

"(a) The detonators and the spaces between the detonators, and of the inner package and the detonators, shall all be, if practicable, with fine sawdust or other similar material. A layer of other soft elastic material shall be placed between both ends of the detonators and the interior of the inner package in which the detonators are placed in such manner and so secured that both ends of the detonators will rest upon the said cotton wool or other material. Every inner package, if of metal, shall be lined throughout with paper or other soft material.

"(b) Where the number of detonators packed for conveyance exceeds in all one thousand (1,000) or such greater number as may from time to time be assigned with the consent of, and under conditions approved by, an Inspector of Explosives, all the inner packages as aforesaid shall be placed inside a substantial case of wood or metal, made and closed, so as to prevent any of the inner packages escaping therefrom, and the case shall be placed inside such outer packages as is required by the above general rule relating to the packing for conveyance of Explosives of the 3rd Division of the 6th (ammunition) class, in such manner and so secured as to leave a clear space of not less than three inches between every part of the interior of the said outer package, notwithstanding that such clear space may, if preferred, be filled with sawdust, straw or other similar material, or may contain a light framework or battens of wood to keep the case aforesaid in position in the outer package."

To conditions 4, 6, 7 and 8 of Form B in the schedule appended to the Rules, add the following provisos noted against them:—

To condition 4. "Provided that so much of this condition as relates to precautions against the exposure of any iron or steel and the detaching of any grit, iron, steel or similar substances shall not be obligatory in a building in which no explosive other than an explosive of the 1st Division of the 6th (ammunition) class is kept."

To conditions 6 and 7. "Provided that this condition shall not be obligatory in a magazine in which no explosive other than an explosive of the 1st Division of the 6th (ammunition) class is kept."

To condition 8. "Provided that so much of this condition as applies to the exclusion of grit, iron or steel shall not be obligatory in a building in which no explosive other than an explosive of the 1st Division of the 6th (ammunition) class is kept."

To the schedule a new Form G will be added as follows:—

#### FORM G.

Rule under the Mysore Explosives Regulation, 1888.

Form of application for a License (under Rule 18), for a Magazine for Specified Explosives.

1. Applicant's Name.
- " Calling.
- " Address.

NOTE:—In cases where the application is made on behalf of a company, the name, calling and address of the Company should be given and in addition the name of the Manager or Agent.

2. Situation of the proposed Magazine.
  - District.
  - Taluk.
  - Village.
3. Explosive proposed to be stored.
  - Class.
  - Division (if any).
  - Name and description.
  - Maximum amount.

Signature of applicant.  
Postal address.  
Date of application.

Note.—This application must be accompanied by—

- (a) A plan, on a scale of not less than  $\frac{1}{4}$  inch to 1 foot, showing the character and construction of each room or building forming part of or to be used in connection with the magazine.



showing clearly the site and situation of the magazine and a belt of land to be kept clear around it; also the situation of buildings, works, roads, mounds, etc., which may be within the limits prescribed by the Government of Mysore in the Table of Distances attached to the Explosives Rules.

all necessary information regarding the magazine and its surroundings in particular.

the amount of explosive to be kept in each room or building and the place where it is to be kept.

the nature of the work, if any, to be carried on in connection with the magazine and the place at which such work is to be carried on.

the position, character and construction of all mounds, buildings and works, and the part of or connected with the magazine and the distances thereof from each other.

- (4) Any special terms which the applicant may propose by reason of any special circumstances arising from the locality, the situation or construction of any buildings or works, or the nature of any processes or otherwise.

#### SCHEDULE A.

To be attached to Licenses to be granted under Rule 18 (Form E) of the Rules under the Mysore Explosives Regulation II of 1888.

Distances to be maintained between the magazine and other buildings and works:—

	<i>From every</i>	<i>Not less than.</i>
Room used in connection with the magazine, in pursuance of Rule 26 of the rules under the Mysore Explosives Regulation II of 1888, for the manufacture, possession and sale of explosives	..	..
Workshop used in connection with the magazine, in pursuance of Rule 27 of the rules under the Mysore Explosives Regulation II of 1888, for the manufacture, possession and sale of explosives	..	..
Private railway	..	..
Highway or public foot-path	..	..
Open air public meeting place (such as a market)	..	..
Canal or navigable water	..	..
River-wall, pier or jetty	..	..
Reservoir or bunded tank	..	..
Room or workshop in connection with another magazine, store, or registered premises	..	..
Any other room or workshop, or any shop	..	..
Any other Explosive Magazine or store for explosives	..	..
Furnace, kiln, or chimney	..	..
Public Railway	..	..
Dwelling-house, <i>with</i> the consent, in writing, of the occupier	..	..
Dwelling-house, <i>without</i> such consent	..	..
Factory not belonging to Government	..	..
Church, Chapel or Hospital	..	..
Public institution or building	..	..
Government building	..	..
Factory or magazine occupied by Government of Mysore, or any other Department under that Government, <i>with</i> the consent, in writing, of the Government of Mysore, or any such Department	..	..
Ditto, <i>without</i> such consent	..	..
Royal or Viceregal residence	..	..

Provided that, in the case of any building or work above mentioned which is so screened from the magazine by the natural features of the ground, or by good and sufficient artificial mounds of earth as not to be visible from any part of such magazine, the distance assigned above as that to be observed between such building or work and the magazine may be reduced by one half.

Provided also that, in the case of any building or work above mentioned which is so screened from the Magazine by an intervening hill, that a line drawn from any part of such building or work to any part of such Magazine would pass through such hill, the distance assigned by this Schedule as that to be observed between such building and work and the Magazine may be reduced by three-fourths, subject nevertheless to a notification in writing from a Government Inspector, that in his judgment the intervening hill, in respect of which such reduction is claimed, is not of a character to justify such reduction, whereupon this proviso authorising such reduction as aforesaid shall be deemed not to apply in respect of the said building or work.

By Order,  
W. F. SMEETH,  
Secy. to Govt., Geological Dept.

at clear round the magazine. The Government may thereupon grant the either in accordance with the recommendations of the District Magistrate pector of Explosives, or with the addition of any additional restrictions and be deemed proper, or may refuse the license.

Distances which will ordinarily be followed is appended to these Rules." 8 (4) and "18 (5)" to "18 (3)" and "18 (4)," respectively.

(d) add the following provisos:—

tonators and the spaces between the detonators, and between the sides of the inner package and the detonators, shall all be filled, as far as possible, with fine sawdust or other similar material. A layer of cotton wool or soft elastic material shall be placed between both ends of all the detonators and the interior of the inner package in which the detonators are placed in such manner and so secured that both ends of the detonators will rest upon the said cotton wool or other material. Every inner package, if of metal, shall be lined throughout with paper or other soft material.

"(b) Where the number of detonators packed for conveyance exceeds in all one thousand (1,000), or such greater number as may from time to time be assigned with the consent of, and under conditions approved by, an Inspector of Explosives, all the inner packages as aforesaid, shall be placed inside a substantial case of wood or metal, made and closed, so as to prevent any of the inner packages escaping therefrom, and the case shall be placed inside such outer packages as is required by the above general rule relating to the packing for conveyance of Explosives of the 3rd Division of the 6th (ammunition) class, in such manner and so secured as to leave a clear space of not less than three inches between every part of the interior of the said outer package, notwithstanding that such clear space may, if preferred, be filled with sawdust, straw or other similar material, or may contain a light framework or battens of wood to keep the case aforesaid in position in the outer package."

To conditions 4, 6, 7 and 8 of Form E in the schedule appended to the Rules, add the following provisos noted against them:—

To condition 4. "Provided that so much of this condition as relates to precautions against the exposure of any iron or steel and the detaching of any grit, iron, steel or similar substances shall not be obligatory in a building in which no explosive other than an explosive of the 1st Division of the 6th (ammunition) class is kept."

To conditions 6 and 7. "Provided that this condition shall not be obligatory in a magazine in which no explosive other than an explosive of the 1st Division of the 6th (ammunition) class is kept."

To condition 8. "Provided that so much of this condition as applies to the exclusion of grit, iron or steel shall not be obligatory in a building in which no explosive other than an explosive of the 1st Division of the 6th (ammunition) class is kept."

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1. Applicant's Name.
- " Calling.
- " Address.

NOTE:—In cases where the application is made on behalf of a company, the name, calling and address of the Company should be given and in addition the name of the Manager or Agent.

2. Situation of the proposed Magazine.
  - District.
  - Taluk.
  - Village.
3. Explosive proposed to be stored.
  - Class.
  - Division (if any).
  - Name and description.
  - Maximum amount.

Signature of applicant.  
Postal address.  
Date of application.

Note.—This application must be accompanied by—

- (a) A plan, on a scale of not less than  $\frac{1}{4}$  inch to 1 foot, showing the character and construction of each room or building forming part of or to be used in connection with the magazine.



- (b) A plan, drawn to scale showing clearly the site and situation of the boundaries of any belt of land to be kept clear around it, of all surrounding buildings, works, roads, mounds, etc., which distances prescribed by the Government of Mysore in the Table attached to the Explosives Rules.
- (c) A schedule giving all necessary information regarding the magazines and in particular.
- (1) The nature and amount of explosive to be kept in each room or place where it is to be kept. and the
  - (2) The nature of the work, if any, to be carried on in connection and the place at which such work is to be carried on. magazine
  - (3) The situation, character and construction of all mounds, buildings forming part of or connected with the magazine and the works thereof
  - (4) Any special terms which the applicant may propose by reason of any special circumstances arising from the locality, the situation or construction of any buildings or works, or the nature of any processes or otherwise.

#### SCHEDULE A.

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*Not less than.*

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Workshop used in connection with the magazine, in pursuance of Rule 27 of the rules under the Mysore Explosives Regulation II of 1888, for the manufacture, possession and sale of explosives

Private railway

Highway or public foot-path

Open air public meeting place (such as a market)

Canal or navigable water

River-wall, pier or jetty

Reservoir or bunded tank

Room or workshop in connection with another magazine, store, or registered premises

Any other room or workshop, or any shop

Any other Explosive Magazine or store for explosives

Furnace, kiln, or chimney

Public Railway

Dwelling-house, *with* the consent, in writing, of the occupier

Dwelling-house, *without* such consent

Factory not belonging to Government

Church, Chapel or Hospital

Public institution or building

Government building

Factory or magazine occupied by Government of Mysore, or any other

Department under that Government, *with* the consent, in writing, of the Government of Mysore, or any such Department

Ditto, *without* such consent

Royal or Viceregal residence

Provided that, in the case of any building or work above mentioned which is so screened from the magazine by the natural features of the ground, or by good and sufficient artificial mounds of earth as not to be visible from any part of such magazine, the distance assigned above as that to be observed between such building or work and the magazine may be reduced by one half.

Provided also that, in the case of any building or work above mentioned which is so screened from the Magazine by an intervening hill, that a line drawn from any part of such building or work to any part of such Magazine would pass through such hill, the distance assigned by this Schedule as that to be observed between such building and work and the Magazine may be reduced by three-fourths, subject nevertheless to a notification in writing from a Government Inspector, that in his judgment the intervening hill, in respect of which such reduction is claimed, is not of a character to justify such reduction, whereupon this proviso authorising such reduction as aforesaid shall be deemed not to apply in respect of the said building or work.

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